User Interfaces

- Editor Interface.
- Prover Interface.

1 Editor Interface

Proposed Editor Interface

Contains 3 views and an editor.

Views and Editors

- Explorer View
  - Tree-structured views of the projects, models, contexts, etc.
  - Connects to the Database.
  - Connects to the Event-B Editor for editing components.

- Event-B Editor
  - For editing a component such as a model, a context, etc.
  - Multi-page Editor.
  - Form Editor.
  - Connects with the Database.

- Outline View
  - Connects with the current active Event-B Editor.
  - Provides navigations for the editing component.

- Problems View
  - Shows all error messages.
  - Connects with Event-B Editors for navigations of error messages.
2 Prover Interface

Prover Interface
  • Integrated into \texttt{Eclipse} interface.
  • Prototype will be based on \texttt{Click’N’Prove} (with improvements).
  • Showing relevant information to the obligation automatically.

3 Demo of the Editor Interface

A Demo